

WHAT IS CLAIMED IS:

1. A modular jack comprising:

a housing having an internal space into which a plug should be inserted;

5 a first terminal block incorporated in said housing and integrally provided with first terminals to be in contact with terminals of the plug, so that front portions of said first terminals are exposed to said internal space, while rear ends of said first terminals project at the rear of said first terminal
10 block;

a second terminal block having second terminals to be connected with a motherboard to which the modular jack is attached; and

an internal board mounted with electronic parts and
15 including through-hole-like or notch-like terminals to which said first and second terminals are soldered.

2. A modular jack according to Claim 1, wherein said electronic parts include at least one of a common mode choke
20 coil and a transformer.

3. A modular jack according to Claim 1, wherein said electronic parts include at least one of a resistor, a capacitor and a light emitting diode.

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4. A modular jack according to Claim 1, wherein said electronic parts include a winding part; and

said internal board has through holes to which terminals of said winding parts are inserted and soldered.

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5. A modular jack according to Claim 1, wherein said second terminal block is incorporated on the back surface side of said housing, while said internal board is provided between said first terminal block and said second terminal block.

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6. A modular jack according to claim 1, further comprising a metal cover covering outer surfaces of the modular jack.

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7. A modular jack according to Claims 1, wherein said first terminal block and said second terminal block are received and incorporated in said housing so that connection portions of said first and second terminals to said internal board project rearward;

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said connection portions of said first and second terminals are inserted and soldered to said through-hole-like or notch-like terminals of said internal board; and

a cover covering said internal board therewith is provided on the back surface side of said housing.

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8. A modular jack according to Claim 1, wherein a plurality of through-hole-like or notch-like terminals to which said first terminals are inserted and soldered are arrayed in an upper portion of said internal board; and

5 a plurality of through-hole-like or notch-like terminals to which said second terminals are inserted and soldered are arrayed in a lower portion of said internal board.